

Gaode GDJ Plunger Metering Pump

Principle

The working medium (yellow) is directly sucked in and discharged through the reciprocating motion of the plunger. Since both the plunger and seal are in contact with the medium, choosing the appropriate plunger material and seal form can ensure the ideal performance of the pump during operation.

The plunger pump head has a simple structure, is economical, and has high measurement accuracy. It requires good seal selection and maintenance. Automatic lateral centering between plunger and seal ensures minimal wear between them. Plunger materials include stainless steel and oxidized ceramics. Oxidized ceramics have the characteristics of corrosion resistance, high hardness and wear resistance.

Major Performance Parameters

1. Maximum flow rate of single head: 50000 L/h
2. Maximum discharge pressure: 50MPa
3. Steady state accuracy $\pm 1\%$
4. Medium viscosity: 0-800mm²/s
5. The temperature of the conveying medium can reach above 450°C



Application

It is suitable for the high pressure and large flow situation during the technique process of oil, petrochemicalization and chemical industry, or spraying and loading system of dangerous chemicals injection and land gas transporting and marine oil and gas transporting, nuclear power and military industry as well as other key processes in environment protection, medication, paper making and food industry.

Advantages of plunger pump head

1. High cost performance, good self-priming performance, small dead space, specially designed valve
2. Heating/cooling jacket
3. Seal flush structure
4. Specially designed seal
5. An optional option: the pump head is integrally equipped with an insulating jacket, and the valve is easy to disassemble



GDJ1 Plunger Metering Pump

Parameters

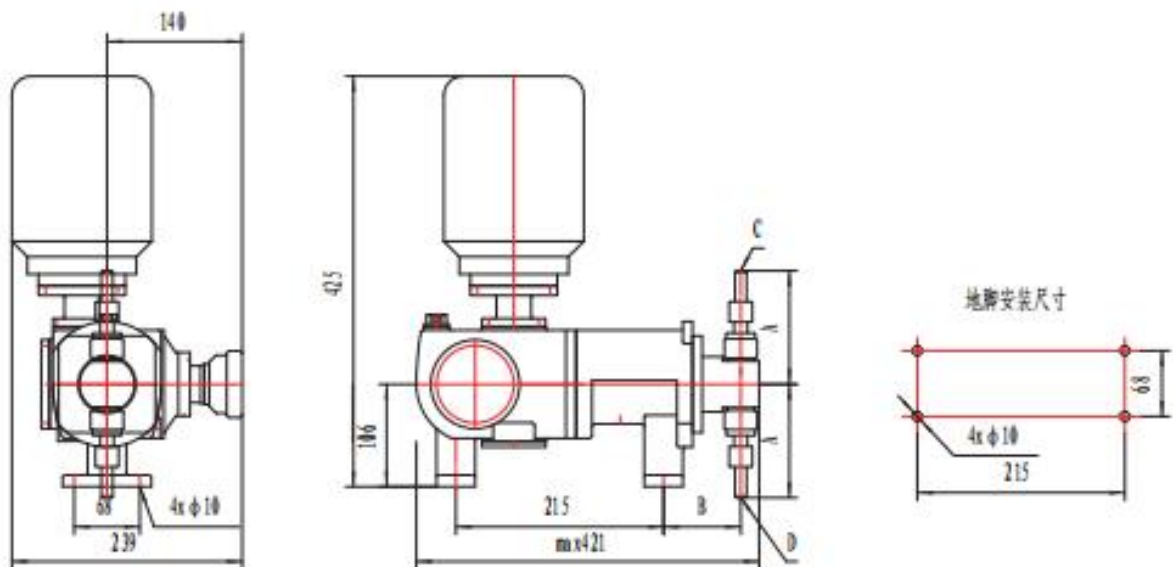
Type	Flow L/h	Max Pressure MPa	Inlet/outlet pipe connections
		Motor 0.18kw	
GDJ1-0.1/10	0.1	10	Φ10(outside diameter) *3 hose
GDJ1-0.16/10	0.16	10	
GDJ1-0.25/10	0.25	10	
GDJ1-0.4/10	0.4	10	Φ12(outside diameter) *3 hose
GDJ1-0.7/10	0.7	10	
GDJ1-1.25/8	1.25	8	
GDJ1-2/5	2	5	Φ14(outside diameter) *3 hose
GDJ1-3.2/3.2	3.2	3.2	
GDJ1-5/2.0	5	2.0	
GDJ1-8/1.3	8	1.3	Φ18(outside diameter) *3 hose
GDJ1-14/0.8	14	0.8	
GDJ1-1.0/20	1.0	20	
GDJ1-1.3/20	1.3	20	Φ10(outside diameter) *3 hose
GDJ1-1.6/20	1.6	20	
GDJ1-2/20	2	20	
GDJ1-2.5/20	2.5	20	Φ12(outside diameter) *3 hose
GDJ1-3.2/16	3.2	16	
GDJ1-4/12.5	4	12.5	
GDJ1-5/10	5	10	
GDJ1-6.3/8	6.3	8	
GDJ1-8/6.3	8	6.3	
GDJ1-10/5	10	5	
GDJ1-12.5/4	12.5	4	Φ14(outside diameter) *3 hose
GDJ1-16/3.2	16	3.2	
GDJ1-20/2.5	20	2.5	
GDJ1-25/2	25	2	
GDJ1-32/1.6	32	1.6	Φ18(outside diameter) *3 hose
GDJ1-40/1.3	40	1.3	
GDJ1-50/1.0	50	1.0	
GDJ1-63/0.8	63	0.8	
GDJ1-80/0.63	80	0.63	DN15-PN6Rp GB/T9119
GDJ1-100/0.5	100	0.5	
GDJ1-125/0.4	125	0.4	
GDJ1-160/0.32	160	0.32	
GDJ1-200/0.25	200	0.25	

Install Dimensions

Model	A	B	C	D
GDJ-0.1/10	91	75	Φ10 (outside diameter) *3 hose	Φ10 (outside diameter) *3 hose
GDJ1-0.16/10	91	69		
GDJ1-0.25/10				

GDJ1-0.4/10	118	65	Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose
GDJ1-0.7/10	118	65		
GDJ1-1.25/8	124	81	Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose
GDJ1-2/5	124	83		
GDJ1-3.2/3.2	165	90	Φ14 (outside diameter) *3 hose	Φ14 (outside diameter) *3 hose
GDJ1-5/2.0	165	91		
GDJ1-8/1.3	139	100	Φ18 (outside diameter) *3 hose	Φ18 (outside diameter) *3 hose
GDJ1-14/0.8	149	103		
GDJ1-1.0/20	91	75	Φ10 (outside diameter) *3 hose	Φ10 (outside diameter) *3 hose
GDJ1-1.3/20				
GDJ1-1.6/20	91	69		
GDJ1-2/20				
GDJ1-2.5/20	118	65	Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose
GDJ1-3.2/16	118	65		
GDJ1-4/12.5	118	65		
GDJ1-5/10				
GDJ1-6.3/8	124	81	Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose
GDJ1-8/6.3				
GDJ1-10/5	124	83		
GDJ1-12.5/4				
GDJ1-16/3.2	165	90	Φ14 (outside diameter) *3 hose	Φ14 (outside diameter) *3 hose
GDJ1-20/2.5				
GDJ1-25/2	165	91		
GDJ1-32/1.6				
GDJ1-40/1.3	139	100	Φ18 (outside diameter) *3 hose	Φ18 (outside diameter) *3 hose
GDJ1-50/1.0				
GDJ1-63/0.8	149	103		
GDJ1-80/0.63				
GDJ1-100/0.5	159	109	DN15-PN6Rp GB/T9119	DN15-PN6Rp GB/T9119
GDJ1-125/0.4				
GDJ1-160/0.32				
GDJ1-200/0.25				

Installation Diagram



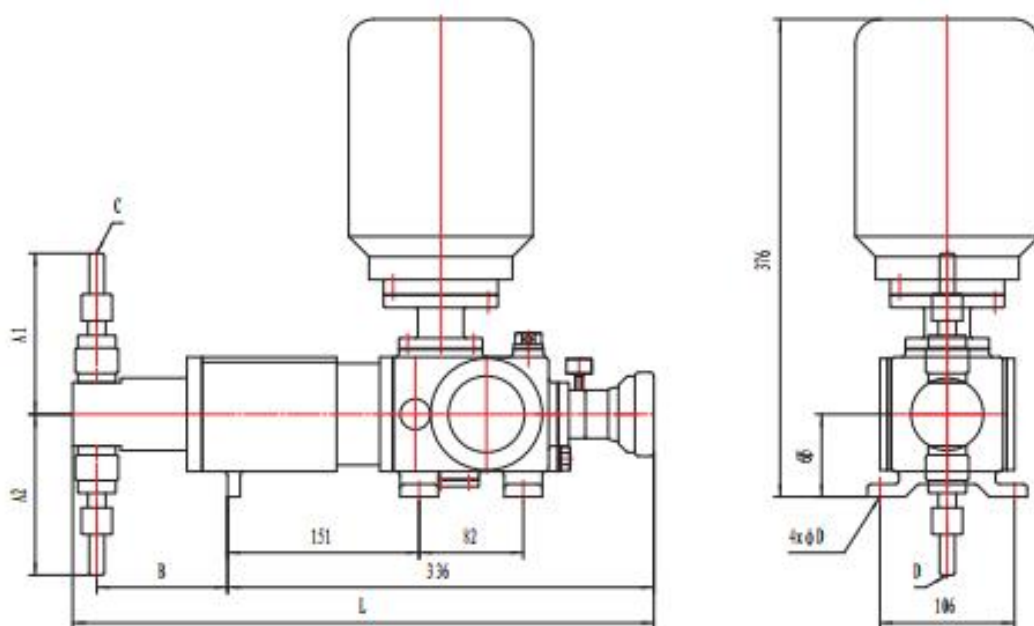
GDJ1-A Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa		Plunger diameter	In and out valve	Number of reciprocations	Itinerary
		Motor 0.18kW	Motor 0.37kW				
GDJ1-A-0.2/10	0.2	10		5	F3	40	8
GDJ1-A-0.3/10	0.3	10		5		40	10
GDJ1-A-0.4/10	0.4	10		6.3	F5	40	8
GDJ1-A-0.5/10	0.5	10		6.3		40	10
GDJ1-A-0.6/10	0.6	10		8		40	8
GDJ1-A-0.8/10	0.8	10		8		40	10
GDJ1-A-1/10	1	10		10		40	8
GDJ1-A-1.3/10	1.3	10		10		40	10
GDJ1-A-1.7/10	1.7	10		12.5	F7	40	8
GDJ1-A-2.2/10	2.2	10		12.5		40	10
GDJ1-A-3/8	3	8		16		40	8
GDJ1-A-4/6.3	4	6.3		16		40	10
GDJ1-A-5/5	5	5		20	F10	40	8
GDJ1-A-6.3/4	6	4		20		40	10
GDJ1-A-8/3.2	8	3.2		25		40	8
GDJ1-A-10/2.5	10	2.5		25		40	10
GDJ1-A-3.5/10	3.5	10		10	F5	119	8

GDJ1-A-4.5/10	4.5	10		10		119	10
GDJ1-A-5.5/10	5.5	10		12.5	F7	119	8
GDJ1-A-7/10	7	10		12.5		119	10
GDJ1-A-9.5/8(10)	9.5	8	10	16		119	8
GDJ1-A-12/6.3(10)	12	6.3	10	16		119	10
GDJ1-A-15/5(8)	15	5	8	20	F10	119	8
GDJ1-A-19/4(6.3)	19	4	6.3	20		119	10
GDJ1-A-24/3.2(5)	24	3.2	5	25		119	8
GDJ1-A-30/2.5(4)	30	2.5	4	25		119	10
GDJ1-A-40/2(3.2)	40	2	3.2	32	F12	119	8
GDJ1-A-50/1.6(2.5)	50	1.6	2.5	32		119	10
GDJ1-A-63/1.3(2)	63	1.3	2	40		119	8
GDJ1-A-80/1.0(1.6)	80	1.0	1.6	40		119	10
GDJ1-A-100/0.8(1.3)	100	0.8	1.3	50	F16	119	8
GDJ1-A-125/0.63(1)	125	0.63	1	50		119	10

Installation Diagram



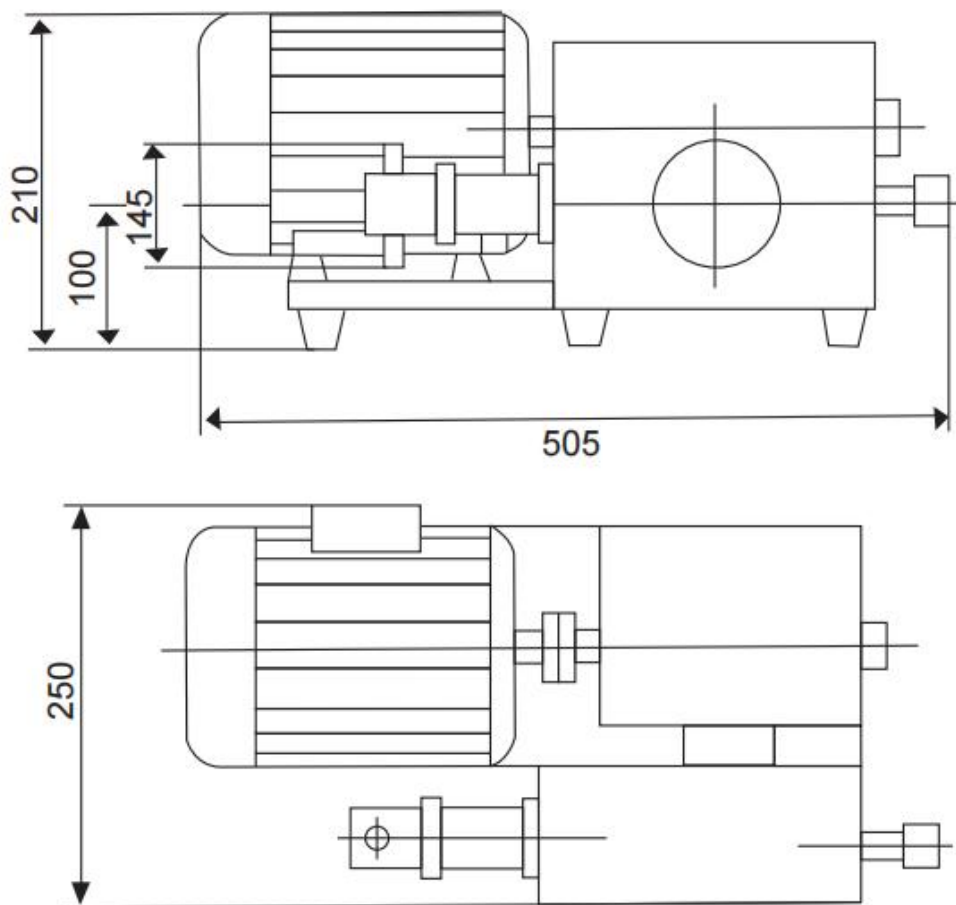
GDJ1-B Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa	Plunger diameter mm	Coverage mm	Pump speed Times/min	Motor power Kw	Inlet and outlet caliber mm	Weight kg
GDJ1-B-0.085/35	0.085	35	2	20	28	0.37	φ3 Card sets	20
GDJ1-B-0.2/35	0.2	35	2	20	72	0.37	φ3 Card sets	20
GDJ1-B-0.19/32	0.19	32	3	20	28	0.37	φ3 Card sets	20

GDJ1-B-0.5/32	0.5	32	3	20	72	0.37	φ3 Card sets	20
GDJ1-B-0.56/30	0.56	30	5	20	28	0.37	φ3 Card sets	20
GDJ1-B-1.5/30	1.5	30	5	20	72	0.37	φ3 Card sets	20
GDJ1-B-1.5/28	1.5	28	8	20	28	0.37	φ3 Card sets	20
GDJ1-B-3.6/28	3.6	28	8	20	72	0.37	φ3 Card sets	20
GDJ1-B-2.3/25	2.3	25	10	20	28	0.37	φ3 Card sets	20
GDJ1-B-6/25	6	25	10	20	72	0.37	φ3 Card sets	20

Installation Diagram



GDJ2 Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa			inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 0.37kW	Motor 0.55kW	Motor 0.75kW		
GDJ2-1.2/20	1.2		20		Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose
GDJ2-2/20	2		20			
GDJ2-3.2/20	3.2		20			
GDJ2-5/16	5	16	16		Φ14 (outside diameter) *3 hose	Φ14 (outside diameter) *3 hose
GDJ2-6.3/40(16)	6.3	16	40		Φ12 (outside diameter) *3 hose	Φ12 (outside diameter) *3 hose

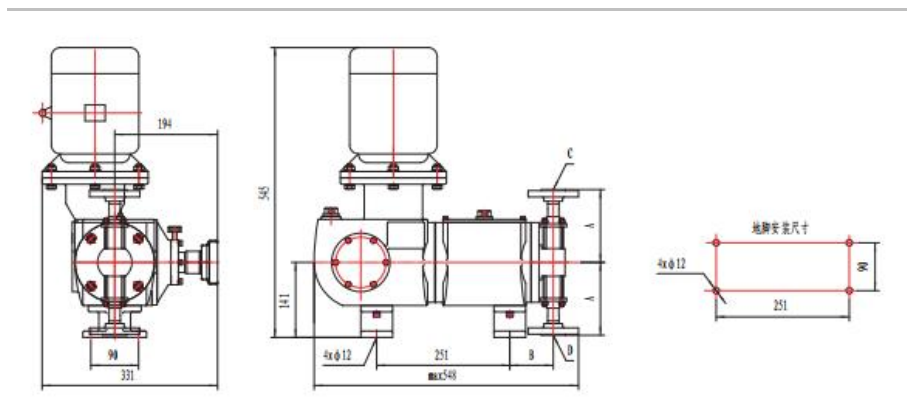
GDJ2-8/32(12.5)	8	12.5		32		
GDJ2-10/25(10)	10	10	25			
GDJ2-13/20(8)	13	8		20		
GDJ2-18/16(6.3)	18	6.3	16		Φ14 (outside diameter) *3 hose	Φ14 (outside diameter) *3 hose
GDJ2-22/12.5(5)	22	5		12.5		
GDJ2-32/10(4)	32	4	10			
GDJ2-40/8(3.2)	40	3.2		8		
GDJ2-50/6.3(2.5)	50	2.5	6.3		DN15-PN6RF GB/T9119	DN15-PN50 RF GB/T9116.1
GDJ2-63/5(2)	63	2		5		
GDJ2-80/4(1.6)	80	1.6	4		DN10-PN40 RF GB/T9119	DN10-PN40 RFGB/T9119
GDJ2-100/3.2(1.25)	100	1.25		3.2		
GDJ2-125/2.5(1)	125	1	2.5		DN10-PN40 RF GB/T9119	DN15-PN40 RFGB/T9119
GDJ2-160/2(0.8)	160	0.8		2		
GDJ2-200/1.6(0.63)	200	0.63	1.6			
GDJ2-250/1.3	250			1.3		
GDJ2-320/1	320			1	DN20-PN40 RF GB/T9119	DN20-PN40 RF GB/T9119
GDJ2-400/0.8	400			0.8		
GDJ2-500/0.63	500			0.63	DN25-PN6 RF GB/T9119	DN25-PN6 RFGB/T9119
GDJ2-630/0.5	630			0.5		
GDJ2-800/0.4	800			0.4	DN32-PN6 RF GB/T9119	DN32-PN6 RF GB/T9119
GDJ2-1000/0.32	1000			0.32		

Install Dimensions

Type	A	B	C	D
GDJ2-1.2/20	118	74	Φ12(outside diameter)*3hose	Φ12(outside diameter)*3hose
GDJ2-2/20	124	74		
GDJ2-3.2/20	124	93	Φ14(outside diameter)*3hose	Φ14(outside diameter)*3hose
GDJ2-5/16	165	81		
GDJ2-6.3/40(16)	118	74	Φ12(outside diameter)*3hose	Φ12(outside diameter)*3hose
GDJ2-8/32(12.5)				
GDJ2-10/25(10)	124	93		
GDJ2-13/20(8)				
GDJ2-18/16(6.3)	165	81	Φ14(outside diameter)*3hose	Φ14(outside diameter)*3hose
GDJ2-22/12.5(5)				
GDJ2-32/10(4)	165	81		

GDJ2-40/8(3.2)				
GDJ2-50/6.3(2.5)	133	84	DN15-PN50 RF GB/T9116.1	DN15-PN6RF GB/T9119
GDJ2-63/5(2)				
GDJ2-80/4(1.6)	139	84	DN10-PN40 RF GB/T9119	DN10-PN6 RF GB/T9119
GDJ2-100/3.2(1.25)				
GDJ2-125/2.5(1)	137	82	DN15-PN40 RF GB/T9119	DN15-PN6 RF GB/T9119
GDJ2-160/2(0.8)				
GDJ2-200/1.6(0.63)	144	86	DN15-PN40 RF GB/T9119	DN15-PN6 RF GB/T9119
GDJ2-250/1.3				
GDJ2-320/1	161	103	DN20-PN40 RF GB/T9119	DN20-PN6 RF GB/T9119
GDJ2-400/0.8				
GDJ2-500/0.63	186	103	DN25-PN6 RF GB/T9119	DN25-PN6 RF GB/T9119
GDJ2-630/0.5				
GDJ2-800/0.4	207	109	DN32-PN6 RF GB/T9119	DN32-PN6 RFGB/T9119
GDJ2-1000/0.32				

Installation Diagram



GDJ3 Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa		inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 1.1kW	Motor 1.5kW		
GDJ3-8/50(32)	8	32	50	Φ14 (outside diameter) *4 hose	Φ14 (outside diameter) *4 hose
GDJ3-10/50(25)	10	25	50		
GDJ3-12.5/50(20)	12.5	20	50	Φ18 (outside diameter) *4 hose	Φ18 (outside diameter) *4 hose
GDJ3-16/40(16)	16	16	40		
GDJ3-22/32(12.5)	22	12.5	32		
GDJ3-28/25(10)	28	10	25	Φ18 (outside diameter) *4 hose	Φ18 (outside diameter) *4 hose
GDJ3-38/20(8)	38	8	20		
GDJ3-48/16(6.3)	48	6.3	16		
GDJ3-63/12.5(5)	63	5	12.5		

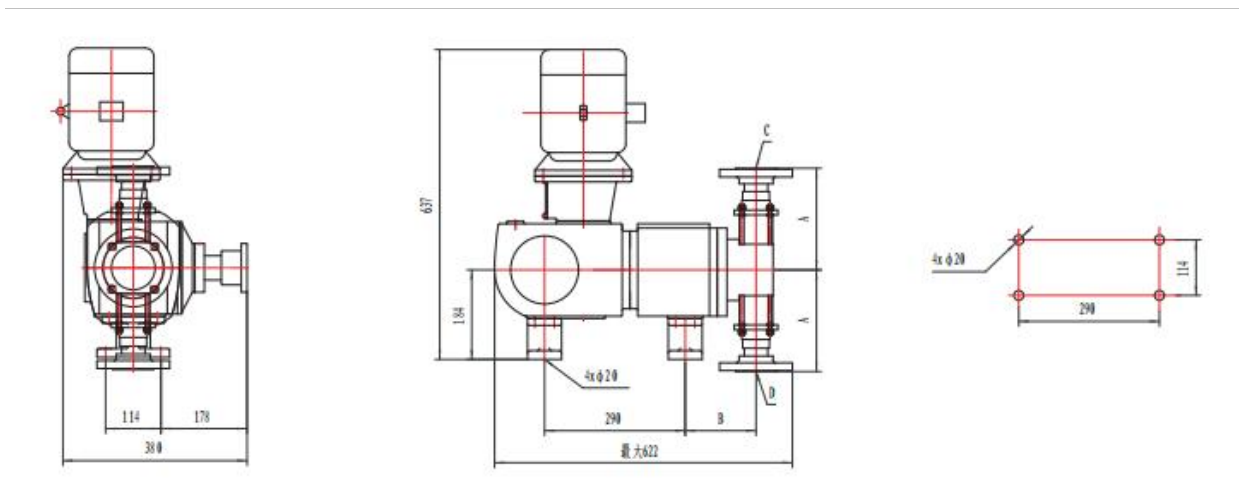
GDJ3-80/10(4)	80	4	10		
GDJ3-100/8(3.2)	100	3.2	8	Φ18 (outside diameter) *4 hose	Φ18 (outside diameter) *4 hose
GDJ3-125/6.3(2.5)	125	2.5	6.3		
GDJ3-160/5(2)	160	2	5	DN15-PN6 RF GB/T9119	DN15-PN10 RF GB/T9116
GDJ3-200/4(1.5)	200	1.5	4		
GDJ3-250/3.2(1.3)	250	1.3	3.2	DN20-PN6 RFGB/T9119	DN20-PN40 RF GB/T9119
GDJ3-320/2.5(1)	320	1	2.5		
GDJ3-400/2(0.8)	400	0.8	2	DN20-PN6 RFGB/T9119	DN20-PN40 RF GB/T9119
GDJ3-500/1.6(0.63)	500	0.63	1.6		
GDJ3-630/1.3(0.5)	630	0.5	1.3	DN25-PN6 RFGB/T9119	DN25-PN40 RF GB/T9119
GDJ3-800/1(0.4)	800	0.4	1		
GDJ3-1000/0.8(0.32)	1000	0.32	0.8	DN32-PN6 RFGB/T9119	DN32-PN40 RF GB/T9119
GDJ3-1250/0.63(0.25)	1250	0.25	0.63		
GDJ3-1600/0.5(0.2)	1600	0.2	0.5	DN40-PN6 RFGB/T9119	DN40-PN6 RFGB/T9119
GDJ3-2000/0.4	2000		0.4		

Install Dimensions

Type	A	B	C	D
GDJ3-8/50(32)	147	128	Φ14(outside diameter)*4hose	Φ14(outside diameter)*4hose
GDJ3-10/50(25)				
GDJ3-12.5/50(20)	159	148	Φ18(outside diameter)*4hose	Φ18(outside diameter)*4hose
GDJ3-16/40(16)				
GDJ3-22/32(12.5)	159	122	Φ18(outside diameter)*4hose	Φ18(outside diameter)*4hose
GDJ3-28/25(10)				
GDJ3-38/20(8)	159	122	Φ18(outside diameter)*4hose	Φ18(outside diameter)*4hose
GDJ3-48/16(6.3)				
GDJ3-63/12.5(5)				
GDJ3-80/10(4)				
GDJ3-100/8(3.2)	186	129	Φ18(outside diameter)*4hose	Φ18(outside diameter)*4hose
GDJ3-125/6.3(2.5)				
GDJ3-160/5(2)	176	129	DN15-PN10 RF GB/T9116	DN15-PN6 RF GB/T9119
GDJ3-200/4(1.6)				
GDJ3-250/3.2(1.3)	198	126	DN20-PN40 RF GB/T9119	DN20-PN6 RF GB/T9119

GDJ3-320/2.5(1)				
GDJ3-400/2(0.8)	175	138	DN20-PN40 RF GB/T9119	DN20-PN6 RF GB/T9119
GDJ3-500/1.6(0.63)				
GDJ3-630/1.3(0.5)	200	138	DN25-PN40 RF GB/T9119	DN25-PN6 RF GB/T9119
GDJ3-800/1(0.4)				
GDJ3-1000/0.8(0.32)	209	144	DN32-PN40 RF GB/T9119	DN32-PN6 RF GB/T9119
GDJ3-1250/0.63(0.25)				
GDJ3-1600/0.5(0.2)	231	152	DN40-PN6 RF GB/T9119	DN40-PN6 RF GB/T9119
GDJ3-2000/0.4				

Installation Diagram



GDJ4 Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa		inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 1.5kW	Motor 2.2kW		
GDJ4-25/50(25)	25	25	50	Φ20 (outside diameter) *5 hose	Φ20 (outside diameter) *5 hose
GDJ4-32/40(20)	32	20	40		
GDJ4-40/32(16)	40	26	32	Φ20 (outside diameter) *5 hose	Φ20 (outside diameter) *5 hose
GDJ4-50/25(12.5)	50	12.5	25		
GDJ4-70/20(10)	70	10	20	Φ20 (outside diameter) *4 hose	Φ20 (outside diameter) *4 hose
GDJ4-90/16(8)	90	8	16		
GDJ4-120/12.5(6.3)	120	6.3	12.5	DN15-PN6 RF GB/T9119	DN15-PN150 RF GB/T9116.1
GDJ4-150/10(5)	150	5	10		
GDJ4-200/8(4)	200	4	8	DN15-PN6 RF GB/T9119	DN15-PN110 RF GB/T9116.1
GDJ4-250/6.3(3.2)	250	3.2	6.3		
GDJ4-320/5(2.5)	320	2.5	5	DN20-PN6 RF GB/T9119	DN20-PN50 RF GB/T9116.1
GDJ4-400/4(2)	400	2	4		
GDJ4-500/3.2(1.6)	500	1.6	3.2	DN25-PN6 RF GB/T9119	DN25-PN40 RF GB/T9119

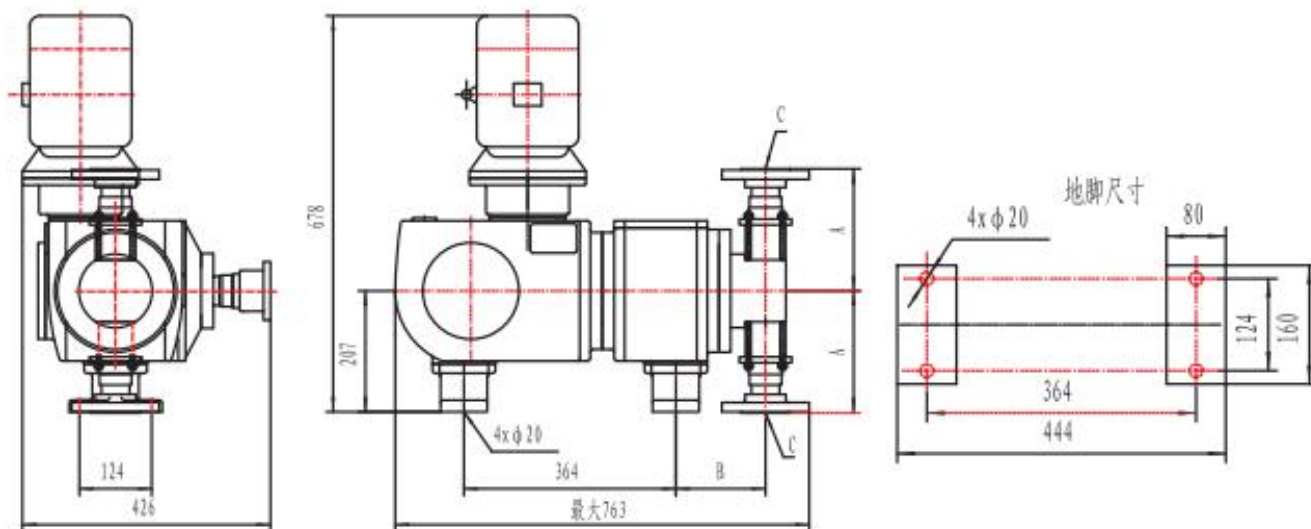
GDJ4-630/2.5(1.25)	630	1.25	2.5		
GDJ4-800/2(1)	800	1	2	DN32-PN6 RF GB/T9119	DN32-PN40 RF GB/T9119
GDJ4-1000/1.6(0.8)	1000	0.8	1.6		
GDJ4-1250/1.25(0.63)	1250	0.63	1.25	DN40-PN6 RF GB/T9119	DN40-PN40 RF GB/T9119
GDJ4-1600/1(0.5)	1600	0.5	1		
GDJ4-2000/0.8(0.4)	2000	0.4	0.8	DN50-PN6 RF GB/T9119	DN50-PN6 RF GB/T9119
GDJ4-2500/0.63(0.32)	2500	0.32	0.63		
GDJ4-3200/0.5	3200		0.5	DN65-PN6 RF GB/T9119	DN65-PN6 RF GB/T9119
GDJ4-4000/0.4	4000		0.4		

Install Dimensions

Type	A1	A2	B	C	D
GDJ4-25/50(25)	159	159	146	Φ20 (outside diameter) *5 hose	Φ20 (outside diameter) *5 hose
GDJ4-32/40(20)					
GDJ4-40/32(16)	159	159	130	Φ20 (outside diameter) *5 hose	Φ20 (outside diameter) *5 hose
GDJ4-50/25(12.5)					
GDJ4-70/20(10)	159	159	124	Φ20 (outside diameter) *4 hose	Φ20 (outside diameter) *4 hose
GDJ4-90/16(8)					
GDJ4-120/12.5(6.3)	186	166	137	DN15-PN150 RF GB/T9116.1	DN15-PN6 RF GB/T9119
GDJ4-150/10(5)					
GDJ4-200/8(4)	176	166	137	DN15-PN110 RF GB/T9116.1	DN15-PN6 RF GB/T9119
GDJ4-250/6.3(3.2)					
GDJ4-320/5(2.5)	200	198	134	DN20-PN50 RF GB/T9116.1	DN20-PN6 RF GB/T9119
GDJ4-400/4(2)					
GDJ4-500/3.2(1.6)	175	175	146	DN25-PN40 RF GB/T9119	DN25-PN6 RF GB/T9119
GDJ4-630/2.5(1.25)					
GDJ4-800/2(1)	200	200	138	DN32-PN40 RF GB/T9119	DN32-PN6 RF GB/T9119
GDJ4-1000/1.6(0.8)					
GDJ4-1250/1.25(0.63)	209	209	152	DN40-PN40 RF GB/T9119	DN40-PN6 RF GB/T9119
GDJ4-1600/1(0.5)					
GDJ4-2000/0.8(0.4)	231	231	160	DN50-PN6 RF GB/T9119	DN50-PN6 RF GB/T9119

GDJ4-2500/0.63(0.32)					
GDJ4-3200/0.5	264	264	188	DN65-PN6 RF GB/T9119	DN65-PN6 RF GB/T9119
GDJ4-4000/0.4					

Installation Diagram



GDJ5 Plunger Metering Pump

Parameters

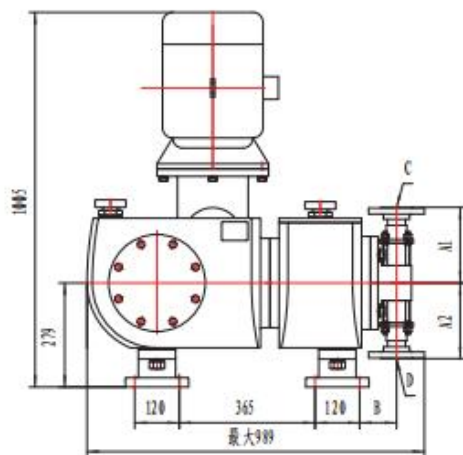
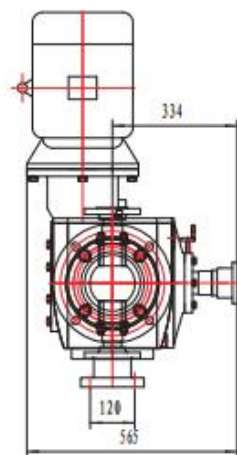
Type	Flow L/h	Max Pressure MPa		inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 5.5kW	Motor 7.5kW		
GDJ5-100/50(25)	100	32.0	50.0	DN15-PN6 RFGB/T9119	DN15-PN420 RFGB/T9115.1
GDJ5-130/50(20)	130	20.0	50.0		
GDJ5-170/40(16)	170	16.0	40.0		
GDJ5-220/32(12.5)	220	12.5	32.0	DN15-PN6 RFGB/T9119	DN15-PN420 RFGB/T9115.1
GDJ5-300/25(10)	300	10.0	25.0		
GDJ5-380/20(8)	380	8.0	20.0		
GDJ5-500/16(6.3)	500	6.3	16.0	DN20-PN6 RFGB/T9119	DN20-PN260 RFGB/T9116.1
GDJ5-630/12.5(5)	630	5.0	12.5		
GDJ5-800/10(4)	800	4.0	10.0		
GDJ5-1000/8(3.2)	1000	3.2	8.0	DN25-PN6 RFGB/T9119	DN25-PN150 RFGB/T9116.1
GDJ5-1250/6.3(2.5)	1250	2.5	6.3		
GDJ5-1600/5(2)	1600	2.0	5.0		
GDJ5-2000/4(1.6)	2000	1.6	4.0	DN32-PN6 RFGB/T9119	DN32-PN110 RF GB/T9116.1
GDJ5-2500/3.2(1.25)	2500	1.25	3.2		
GDJ5-3200/2.5(1)	3200	1.0	2.5		
GDJ5-4000/2(0.8)	4000	0.8	2.0	DN40-PN6 RFGB/T9119	DN40-PN50 RF GB/T9119
GDJ5-5000/1.6(0.63)	5000	0.63	1.6		

GDJ5-6300/1.25(0.5)	6300	0.5	1.25		
GDJ5-8000/1(0.4)	8000	0.4	1.0	DN80-PN6 RFGB/T9119	DN80-PN40 RF GB/T9119
GDJ5-10000/0.8(0.32)	10000	0.32	0.8		

Install Dimensions

Type	A1	A2	B	C	D
GDJ5-100/50(25)	211	201	106	DN15-PN420 RFGB/T9115.1	DN15-PN6 RF GB/T9119
GDJ5-130/50(20)					
GDJ5-170/40(16)	211	201	106	DN15-PN420 RF GB/T9115.1	DN15-PN6 RF GB/T9119
GDJ5-220/32(12.5)					
GDJ5-300/25(10)	262	232	113	DN20-PN260 RF GB/T9116.1	DN20-PN6 RF GB/T9119
GDJ5-380/20(8)					
GDJ5-500/16(6.3)	288	268	110	DN25-PN150 RF GB/T9116.1	DN25-PN6 RF GB/T9119
GDJ5-630/12.5(5)					
GDJ5-800/10(4)	267	257	123	DN32-PN110 RF(NPT)GB/T9116.1	DN32-PN6 RF GB/T9119
GDJ5-1000/8(3.2)					
GDJ5-1250/6.3(2.5)	205	205	121	DN40-PN50 RF GB/T9119	DN40-PN6 RF GB/T9119
GDJ5-1600/5(2)					
GDJ5-2000/4(1.6)	213	213	120	DN40-PN40 RF GB/T9119	DN40-PN6 RF GB/T9119
GDJ5-2500/3.2(1.25)					
GDJ5-3200/2.5(1)	238	238	125	DN50-PN40 RF GB/T9119	DN50-PN6 RF GB/T9119
GDJ5-4000/2(0.8)					
GDJ5-5000/1.6(0.63)	272	272	141	DN65-PN40 RF GB/T9119	DN65-PN6 RF GB/T9119
GDJ5-6300/1.25(0.5)					
GDJ5-8000/1(0.4)	323	323	156	DN80-PN40 RF GB/T9119	DN80-PN6 RF GB/T9119
GDJ5-10000/0.8(0.32)					

Installation Diagram



GDJ6 Plunger Metering Pump

Parameters

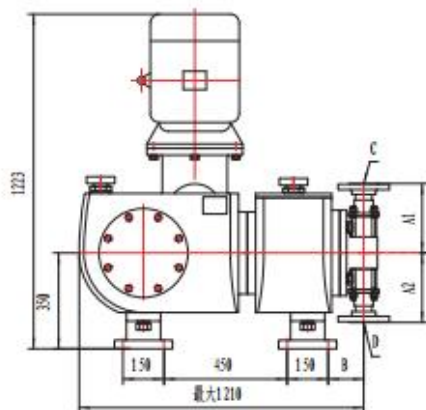
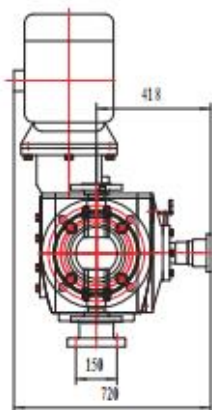
Type	Flow L/h	Max Pressure MPa		inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 11kW	Motor 18.5kW		
GDJ6-120/50	120		50	DN20-PN6RFGB/T9119	DN20-PN420RFGB/9115.1
GDJ6-160/50	160		50		
GDJ6-220/50(40)	220	40	50	DN20-PN6RFGB/T9119	DN20-PN420RFGB/9115.1
GDJ6-290/50(32)	290	32	50		
GDJ6-380/40(25)	380	25	40	DN20-PN6RFGB/T9119	DN40-PN420RFGB/T9116.1
GDJ6-480/32(20)	480	20	32		
GDJ6-620/25(16)	620	16	25	DN25-PN6RFGB/T9119	DN40-PN260RFGB/T9116.1
GDJ6-780/20(12.5)	780	12.5	20		
GDJ6-1000/16(10)	1000	10	16	DN32-PN6RFGB/T9119	DN40-PN150RFGB/T9116.1
GDJ6-1250/12.5(8)	1250	8	12.5		
GDJ6-1600/10(6.3)	1600	6.3	10	DN40-PN6RFGB/T9119	DN40-PN110RFGB/T9116.1
GDJ6-2000/8(5)	2000	5	8		
GDJ6-2500/6.3(4)	2500	4	6.3	DN50-PN6RFGB/T9119	DN50-PN50RFGB/T9116.1
GDJ6-3200/5(3.2)	3200	3.2	5		
GDJ6-4000/4(2.5)	4000	2.5	4	DN65-PN6RFGB/T9114	DN65-PN40RFGB/T9119
GDJ6-5000/3.2(2)	5000	2	3.2		
GDJ6-6300/2.5(1.6)	6300	1.6	2.5	DN80-PN6RFGB/T9119	DN80-PN40RFGB/T9119
GDJ6-8000/2(1.25)	8000	1.25	2		
GDJ6-10000/1.6(1)	10000	1	1.6	DN100-PN6RFGB/T9119	DN100-PN40RFGB/T9119
GDJ6-12500/1.25(0.8)	12500	0.8	1.25		

GDJ6-16000/1(0.63)	16000	0.63	1	DN125-PN6RFGB/T9119	DN125-PN40RFGB/T9119
GDJ6-20000/0.8(0.5)	20000	0.5	0.8		
GDJ6-25000/0.63	25000		0.63	DN125-PN6 RFGB/T9119	DN125-PN6RFGB/T9119
GDJ6-32000/0.5	32000		0.5		

Install Dimensions

Type	A1	A2	B	C	D
GDJ6-120/50	290	240	119	DN20-PN420RF GB/9115.1	DN20-PN6RF GB/T9119
GDJ6-160/50					
GDJ6-220/50(40)	290	240	119	DN20-PN420RF GB/9115.1	DN20-PN6RF GB/T9119
GDJ6-290/50(32)					
GDJ6-380/40(25)	324	294	127	DN40-PN420RF GB/T9116.1	DN20-PN6RF GB/T9119
GDJ6-480/32(20)					
GDJ6-620/25(16)	344	304	147	DN40-PN260RF GB/T9116.1	DN25-PN6RF GB/T9119
GDJ6-780/20(12.5)					
GDJ6-1000/16(10)	360	334	147	DN40-PN150RF GB/T9116.1	DN32-PN6RF GB/T9119
GDJ6-1250/12.5(8)					
GDJ6-1600/10(6.3)	340	340	149	DN40-PN110RF GB/T9116.1	DN40-PN6RF GB/T9119
GDJ6-2000/8(5)					
GDJ6-2500/6.3(4)	248	218	144	DN50-PN50RF GB/T9116.1	DN50-PN6RF GB/T9119
GDJ6-3200/5(3.2)					
GDJ6-4000/4(2.5)	256	236	148	DN65-PN40RF GB/T9119	DN65-PN6RF GB/T9114
GDJ6-5000/3.2(2)					
GDJ6-6300/2.5(1.6)	298	298	156	DN80-PN40RF GB/T9119	DN80-PN6RF GB/T9119
GDJ6-8000/2(1.25)					
GDJ6-10000/1.6(1)	340	340	175	DN100-PN40RF GB/T9119	DN100-PN6RF GB/T9119
GDJ6-12500/1.25(0.8)					
GDJ6-16000/1(0.63)	402	402	195	DN125-PN40RF GB/T9119	DN125-PN6RF GB/T9119
GDJ6-20000/0.8(0.5)					
GDJ6-25000/0.63	402	402	195	DN125-PN6RF GB/T9119	DN125-PN6 RF GB/T9119
GDJ6-32000/0.5					

Installation Diagram



GDJ7 Plunger Metering Pump

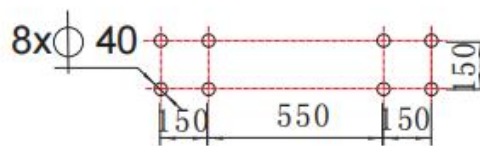
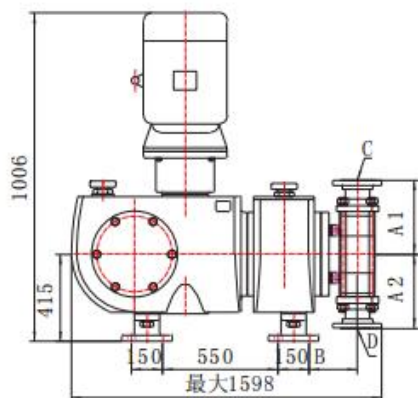
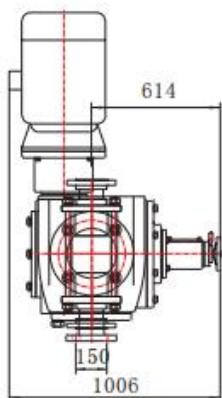
Parameters

Type	Flow L/h	Max Pressure MPa		inlet pipe connections(D)	Outlet pipe connections(C)
		Motor 18.5kW	Motor 30kW		
GDJ7-500/50(50)	500	50	50	DN32-PN40 RF(Rp) GB/T9119	DN32-PN420 RF GB/T9116.1
GDJ7-630/50(40)	630	40	50		
GDJ7-800/50(32)	800	32	50		
GDJ7-1000/40(25)	1000	25	40	DN40-PN40 RF(Rp) GB/T9119	DN40-PN420 RF GB/T9116.1
GDJ7-1250/32(20)	1250	20	32		
GDJ7-1600/25(16)	1600	16	25	DN50-PN40 RF(Rp) GB/T9119	DN50-PN260 RF GB/T9116.1
GDJ7-2000/20(12.5)	2000	12.5	20		
GDJ7-2500/16(10)	2500	10	16	DN65-PN40 RF(Rp) GB/T9119	DN65-PN150 RF GB/T9116.1
GDJ7-3200/12.5(8)	3200	8	12.5		
GDJ7-4000/10(6.3)	4000	6.3	10	DN80-PN40 RF(Rp) GB/T9119	DN80-PN110 RF(NPT) GB/T9119
GDJ7-5000/8(5)	5000	5	8		
GDJ7-6300/6.3(5)	6300	5	6.3	DN80-PN40 RF(Rp) GB/T9119	DN80-PN110 RF(NPT) GB/T9119
GDJ7-6300/6.3(4)	6300	4	6.3		
GDJ7-8000/5(3.2)	8000	3.2	5	DN80-PN40 RF(Rp) GB/T9111	DN80-PN50 RF(NPT) GB/T9119
GD7-10000/4(2.5)	10000	2.5	4		
GDJ7-12500/3.2(2)	12500	2	3.2	DN100-PN40 RF(Rp) GB/T9119	DN100-PN40 RF(Rp) GB/T9119
GDJ7-16000/2.5(1.6)	16000	1.6	2.5		
GDJ7-20000/2(1.25)	20000	1.25	2	DN125-PN25 RF(Rp) GB/T9119	DN125-PN25 RF(Rp) GB/T9119
GDJ7-25000/1.6(1)	25000	1	1.6		
GDJ7-32000/1.25(0.8)	32000	0.8	1.25	DN150-PN16 RF(Rp) GB/T9119	DN150-PN16 RF(NPT) GB/T9119
GDJ7-40000/1(0.63)	40000	0.63	1		
GDJ7-50000/0.8(0.5)	50000	0.5	0.8	DN200-PN10RF(Series one) GB/T9119	DN200-PN10RF(Series one) GB/T9119

Install Dimensions

Type	A1	A2	B	C	D
GDJ7-500/50(50)	301	256	185	DN32-PN420 RF GB/T9116.1	DN32-PN40 RF(Rp) GB/T9119
GDJ7-630/50(40)					
GDJ7-800/50(32)					
GDJ7-1000/40(25)	319	260	188	DN40-PN420 RF GB/T9116.1	DN40-PN40 RF(Rp) GB/T9119
GDJ7-1250/32(20)					
GDJ7-1600/25(16)	327	279	194	DN50-PN260 RF GB/T9116.1	DN50-PN40 RF(Rp) GB/T9119
GDJ7-2000/20(12.5)					
GDJ7-2500/16(10)	404	357	201	DN65-PN150 RF GB/T9116.1	DN65-PN40 RF(Rp) GB/T9119
GDJ7-3200/12.5(8)					
GDJ7-4000/10(6.3)	318	280	211	DN80-PN110 RF(NPT) GB/T9119	DN80-PN40 RF(Rp) GB/T9119
GDJ7-5000/8(5)					
GDJ7-6300/6.3(5)	298	260	211	DN80-PN110 RF(NPT) GB/T9119	DN80-PN40 RF(Rp) GB/T9119
GDJ7-6300/6.3(4)					
GDJ7-8000/5(3.2)	301	272	216	DN80-PN50 RF(NPT) GB/T9119	DN80-PN40 RF(Rp) GB/T9119
GD7-10000/4(2.5)					
GDJ7-12500/3.2(2)	358	358	230	DN100-PN40 RF(Rp) GB/T9119	DN100-PN40 RF(Rp) GB/T9119
GDJ7-16000/2.5(1.6)					
GDJ7-20000/2(1.25)	420	420	245	DN125-PN25 RF(Rp) GB/T9119	DN125-PN25 RF(Rp) GB/T9119
GDJ7-25000/1.6(1)					
GDJ7-32000/1.25(0.8)	480	480	269	DN150-PN16 RF(NPT) GB/T9119	DN150-PN16 RF(Rp) GB/T9119
GDJ7-40000/1(0.63)					
GDJ7-50000/0.8(0.5)	530	530	283	DN200-PN10 RF(Series one) GB/T9119	DN200-PN10 RF(Series one) GB/T9119

Installation Diagram

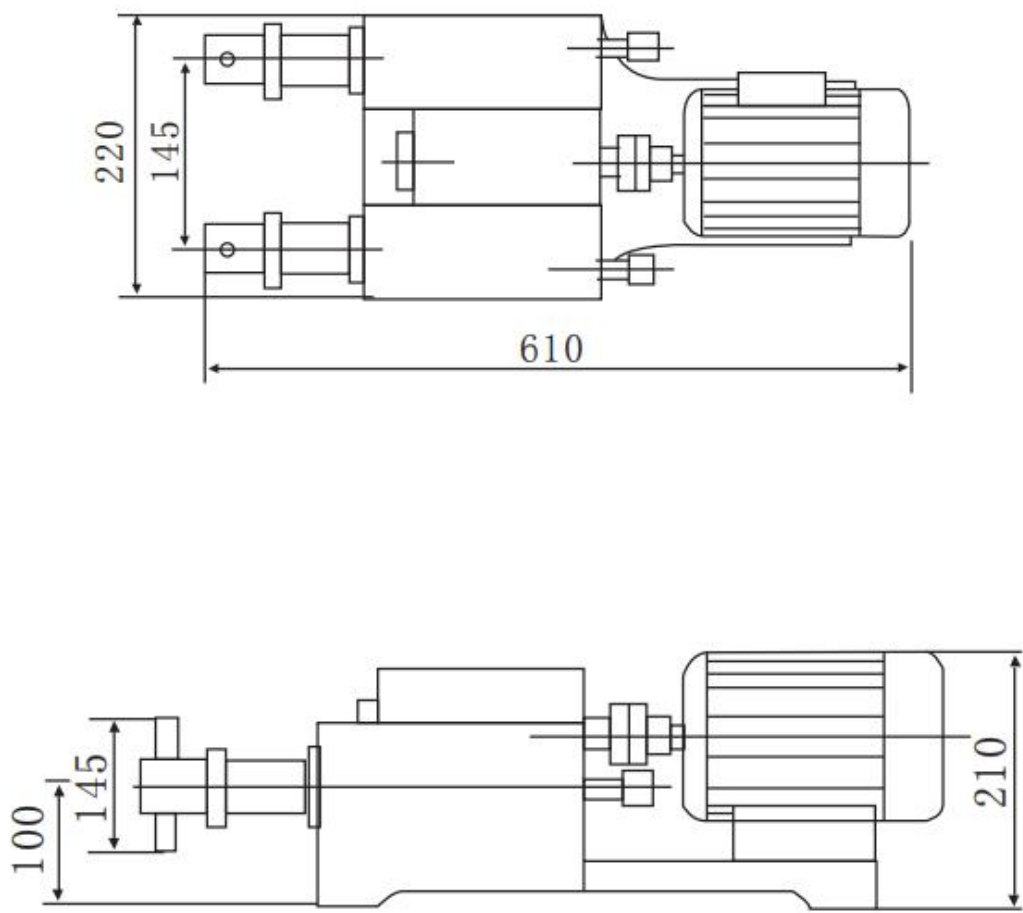


2GDJ1 Plunger Metering Pump

Parameters

Type	Flow L/h	Max Pressure MPa	Plunger diameter mm	Coverage mm	Pump speed Times/min	Motor power Kw
2GDJ1-0.17/35	0.17	35	2	20	28	0.37
2GDJ1-0.4/35	0.4	35	2	20	72	0.37
2GDJ1-0.38/32	0.38	32	3	20	28	0.37
2GDJ1-1/32	1	32	3	20	72	0.37
2GDJ1-1.1/30	1.1	30	5	20	28	0.37
2GDJ1-3/30	3	30	5	20	72	0.37
2GDJ1-3/28	3	28	8	20	28	0.37
2GDJ1-7.2/28	7.2	28	8	20	72	0.37
2GDJ1-4.6/25	4.6	25	10	20	28	0.37
2GDJ1-12/25	12	25	10	20	72	0.37

Installation Diagram



2GDJ2 Plunger Metering Pump

Parameters

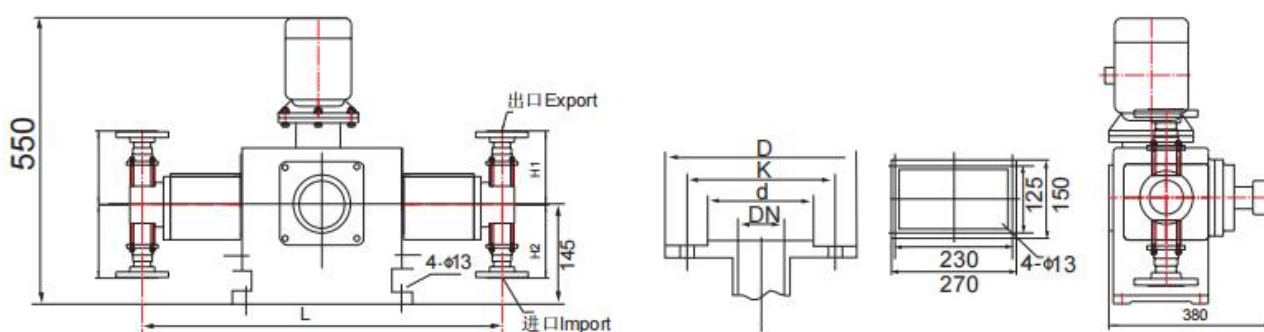
Type	Flow L/h	Discharge pressure MPa	Plunger diameter mm	Coverage mm	Repetition rpm	Motor power Kw
2GDJ2-8/25	8	25	10	22	80	0.75
2GDJ2-14/16	14	16	13	22	80	0.75
2GDJ2-22/10	22	10	16	22	80	0.75
2GDJ2-38/6.4	38	6.4	21	22	80	0.75
2GDJ2-62/4.0	62	4.0	27	22	80	0.55
2GDJ2-125/2.5	125	2.5	39	22	80	0.55
2GDJ2-250/1.6	250	1.6	55	22	80	0.55
2GDJ2-310/1.2	310	1.2	61	22	80	0.75
2GDJ2-390/1.0	390	1.0	69	22	80	0.75
2GDJ2-500/0.5	500	0.5	78	22	80	0.75

Install Dimensions

DN	D	K	d	H1	H2	L
8	90	60	41	162	163	760
16	90	60	41	162	163	760

12	90	60	41	162	163	780
16	90	60	41	162	163	780
20	90	60	41	162	163	780
28	90	60	41	162	163	780
40	95	60	46	167	167	780
32	95	60	46	167	167	820
40	95	60	46	167	167	820
45	95	60	46	167	167	820

Installation Diagram



2GDJ3 Plunger Metering Pump

Parameters

Type	Flow L/h	Discharge pressure MPa	Plunger diameter mm	Coverage mm	Repetition rpm	Motor power Kw
2GDJ3-22/64	22	64	10	50	90	2.2
2GDJ3-33/64	33	64	12	50	90	2.2
2GDJ3-32/50	32	50	12	50	90	2.2
2GDJ3-48/50	48	50	15	50	90	2.2
2GDJ3-56/40	56	40	16	50	90	2.2
2GDJ3-84/40	84	40	20	50	90	2.2
2GDJ3-96/32	96	32	21	50	90	2.2
2GDJ3-144/25	144	25	26	50	90	2.2
2GDJ3-150/25	150	25	27	50	90	2.2
2GDJ3-224/20	224	20	33	50	90	3
2GDJ3-244/16	244	16	34	50	90	3
2GDJ3-366/12.5	366	12.5	42	50	90	3
2GDJ3-400/10	400	10	43	50	90	3
2GDJ3-600/10	600	10	53	50	90	3
2GDJ3-636/6.4	636	6.4	55	50	90	3
2GDJ3-954/6.4	954	6.4	67	50	90	4
2GDJ3-1040/5.0	1040	5.0	70	50	90	4
2GDJ3-1560/4.0	1560	4.0	86	50	90	4

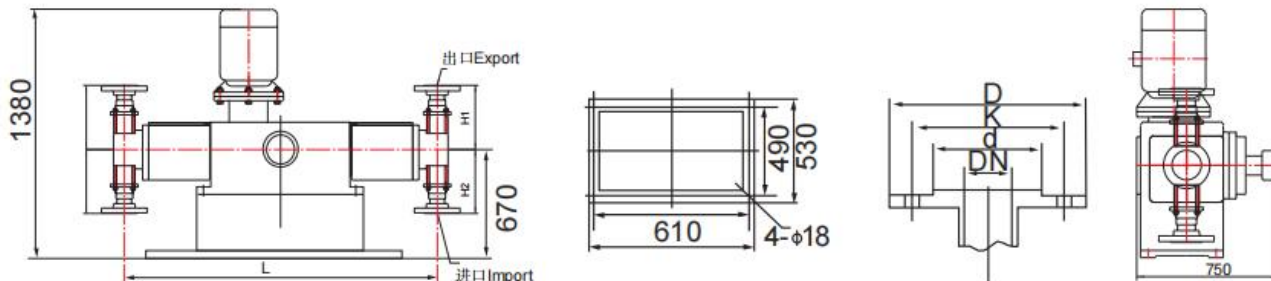
2GDJ3-1720/3.2	1720	3.2	90	50	90	4
2GDJ3-2560/2.5	2560	2.5	110	50	90	4
2GDJ3-2160/2.0	2160	2.0	101	50	90	4
2GDJ3-3240/1.6	3240	1.6	124	50	90	4
2GDJ3-2770/1.6	2770	1.6	114	50	90	4
2GDJ3-4150/1.0	4150	1.0	140	50	90	4
2GDJ3-6200/0.5	6200	0.5	171	50	90	4

Install Dimensions

DN	D	K	d	H1	H2	L
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
8	90	60	41	155	195	1100
10	90	60	41	162	202	1100
10	90	60	41	162	202	1100
10	90	60	41	162	202	1100
10	90	60	41	162	202	1100
12	95	66	46	198	198	1120
12	95	66	46	198	198	1120
12	95	66	46	198	198	1120
12	95	66	46	198	198	1120
16	105	85	56	214	254	1120
16	105	85	56	214	254	1120
16	105	85	56	214	254	1120
16	105	85	56	214	254	1120
16	105	85	56	214	254	1120
26	115	85	65	205	245	1260
26	115	85	65	205	245	1260
26	115	85	65	205	245	1260

35	135	98	75	240	280	1350
35	135	98	75	240	280	1350

Installation Diagram



2GDJ4 Plunger Metering Pump

Parameters

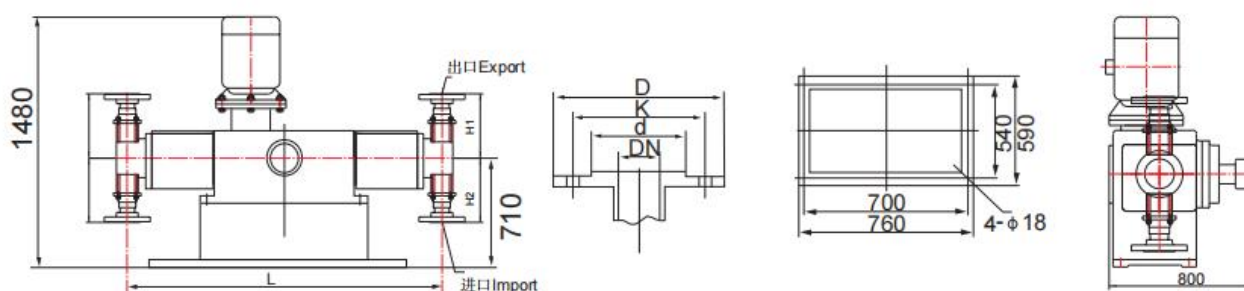
Type	Flow L/h	Discharge pressure MPa	Plunger diameter mm	Coverage mm	Repetition rpm	Motor power Kw
2GDJ4-52/64	52	64	12	80	90	4
2GDJ4-78/64	78	64	15	80	90	4
2GDJ4-92/50	92	50	16	80	90	4
2GDJ4-138/50	138	50	20	80	90	4
2GDJ4-152/40	152	40	21	80	90	4
2GDJ4-228/40	228	40	26	80	90	4
2GDJ4-240/32	240	32	27	80	90	5.5
2GDJ4-360/32	360	32	33	80	90	5.5
2GDJ4-392/25	392	25	34	80	90	5.5
2GDJ4-588/25	588	25	42	80	90	5.5
2GDJ4-610/20	610	20	42	80	90	5.5
2GDJ4-900/20	900	20	52	80	90	5.5
2GDJ4-1016/16	1016	16	55	80	90	5.5
2GDJ4-1500/16	1500	16	67	80	90	5.5
2GDJ4-1666/10	1666	10	70	80	90	5.5
2GDJ4-2500/10	2500	10	86	80	90	5.5
2GDJ4-2288/8.0	2288	8.0	82	80	90	5.5
2GDJ4-3432/8.0	3432	8.0	101	80	90	5.5
2GDJ4-3100/6.4	3100	6.4	96	80	90	5.5
2GDJ4-4650/4.0	4650	4.0	117	80	90	5.5
2GDJ4-4000/2.5	4000	2.5	109	80	90	5.5
2GDJ4-6000/1.6	6000	1.6	133	80	90	5.5

2GDJ4-9000/1.6	9000	1.6	163	80	90	5.5
2GDJ4-7320/1.0	7320	1.0	147	80	90	5.5
2GDJ4-11000/1.0	11000	1.0	180	80	90	5.5
2GDJ4-15500/0.5	15500	0.5	214	80	90	5.5

Install Dimensions

DN	D	K	d	H1	H2	L
8	95	65	46	189	189	1250
8	95	65	46	189	189	1250
8	95	65	46	189	189	1250
8	95	65	46	189	189	1250
8	95	65	46	189	189	1250
8	95	65	46	189	189	1250
12	105	85	46	189	189	1250
12	105	85	56	189	189	1250
12	105	85	56	189	189	1250
12	105	85	56	189	189	1250
16	115	85	56	194	194	1300
16	115	85	65	194	194	1300
16	115	85	65	194	194	1300
16	115	85	65	194	194	1300
26	125	98	65	200	200	1350
26	125	98	75	200	200	1350
26	125	98	75	200	200	1350
26	125	98	75	200	200	1350
35	125	98	75	200	200	1350
35	125	98	75	200	200	1350
35	125	98	75	220	220	1350
40	145	110	85	235	235	1350
40	145	110	85	235	235	1350
80	195	160	135	270	270	1350
80	195	160	135	270	270	1350
80	195	160	135	270	270	1350

Installation Diagram



Gaode Equipment Co., Ltd.

Add: No.9, Building 14, Yard No.4, Fengqing Road, Jinshui District,
Zhengzhou, Henan China

Web: www.gaodetec.com;

Email: info@gaodetec.com

Phone/WhatsApp/Wechat: +86-13939067523